

Date-29/06/2020

Lecture By-Shubham Joshi

Notes By-Upadhyay Hemanshu

On the First day We learn very basic things about Github/Gitbash.

1.Introduction To Gitbash

-Gitbash is An Application which provides an emulation layer for a git Command line

-Bash is popular default shell on linux And macOS

Further We learn command's which are basic to Gitbash These commands are Explained Below

1.ls(List)

= LS stands for List, ls is the first command we use when we start the Gitbash

=ls is a command to list computer files in unix.

```
MINGW64:/c/Users/upadh/Desktop
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop (master)
$ ls
Attainu/  desktop.ini  Slack.lnk*  Testing/  WhatsApp.lnk*
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop (master)
$ |
```

2.ls -l

=Here ls -l shows file or directory or folder name and owner of file with its permission

=ls -l will show you files with more information.

```
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop (master)
$ ls -l
total 13
drwxr-xr-x 1 upadh 197609 0 Jul 2 22:12 Attainu/
-rw-r--r-- 1 upadh 197609 282 Jun 24 19:37 desktop.ini
-rwxr-xr-x 1 upadh 197609 2199 Jul 1 09:57 Slack.lnk*
drwxr-xr-x 1 upadh 197609 0 Jul 3 11:55 Testing/
-rwxr-xr-x 1 upadh 197609 2199 Jun 24 21:26 WhatsApp.lnk*
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop (master)
$
```

==[if you want to find Hidden file you Have to type "ls -la"(only works in linux & Mac]

3.PWD(present Working Directory)

=PWD stands for Present Working Directory

=PWD Command Displays your current working location

=It will give the whole path starting from the root ending to the directory.

```
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop (master)
$ PWD
/c/Users/upadh/Desktop
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop (master)
```

4.Mkdir

=Mkdir stands for make directory in git bash

=Basically it is used to create folder in your computer

=To Create Folder,Go to Gitbash and Type “mkdir <file name>”

```
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop/testing (master)
$ mkdir Hemanshu
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop/testing (master)
$ ls
Hemanshu/ test/
```

5.Touch

=Touch command is used to create ,change or modify timestamps of a file

=Basically it is used to Create “files” [it Cannot be used to create new Directory(Folder)]

=To create file,Go to Gitbash and Type “Touch <File Name>”

```
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop/testing/hemanshu (master)
$ touch test.txt
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop/testing/hemanshu (master)
$ ls
test.txt
```

6.Cd(Change Directory)

=Cd stands for Change Directory

=Cd is used to change the current working directory in Various OS's

```
upadh@LAPTOP-HKEATLPB MINGW64 ~/Desktop/testing/hemanshu (master)
$ cd

upadh@LAPTOP-HKEATLPB MINGW64 ~ (master)
$
```

7.cd ..

=This command is used to go backward for your current working location.

=Normally It is Back Button in Git bash

```
upadh@LAPTOP-HKEATLPB MINGW64 ~ (master)
$ ls
3D Objects/      Downloads/      ntuser.dat.LOG1      'Saved Games'/
AppData/         Favorites/      ntuser.dat.LOG2      Searches/
Apple/           'Git Folder'/  NTUSER.DAT{41fb0f17-b623-11ea-bb06-d2a1c7413263}.TM.b1f  SendTo@
'Application Data'@  Links/         NTUSER.DAT{41fb0f17-b623-11ea-bb06-d2a1c7413263}.TMContainer000000000000000001.regtrans-ms  session/
Contacts/         'Local Settings'@  NTUSER.DAT{41fb0f17-b623-11ea-bb06-d2a1c7413263}.TMContainer000000000000000002.regtrans-ms  'Start Menu'@
Cookies@          MicrosoftEdgeBackups/  ntuser.ini           Templates@
'Creative Cloud Files'/  Music/         OneDrive/            Upadhyay-Hemanshu-au9/
day-1/           'My Documents'@  Pictures/            Videos/
Desktop/         NetHood@        PrintHood@
Documents/       NTUSER.DAT      Recent@

upadh@LAPTOP-HKEATLPB MINGW64 ~ (master)
$ cd desktop

upadh@LAPTOP-HKEATLPB MINGW64 ~/desktop (master)
$ ls
Attainu/  desktop.ini  Slack.lnk*  Testing/  WhatsApp.lnk*

upadh@LAPTOP-HKEATLPB MINGW64 ~/desktop (master)
$ cd ..

upadh@LAPTOP-HKEATLPB MINGW64 ~ (master)
$
```